

Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

Franklin and Charles

Publishers of Educational Books

Bethlehem (South Side), Pa.

Elementary Statics, Franklin and MacNutt. In paper cover, price, \$0.50.

We recommend this pamphlet to teachers who may wish to enrich their course in trigonometry by using a wider variety of problems. The pamphlet gives a very simple and clear exposition of the principles of balanced force action, and it contains 74 carefully graded problems most of which involve the use of trigonometric functions.

The Elements of Calculus, Franklin, MacNutt and Charles. Price, \$2.00.

A teacher of mathematics in a well-known technical school who used this book during 1917-1918 states that he finds the book highly satisfactory. In his opinion the book is unique in its directness and intelligibility, and it leaves nothing to be desired in the matter of precision and rigor.

- Books sent postpaid on approval, to be returned postpaid if not satisfactory.

 Twenty per cent. discount to teachers for sample copies for examination. Usual discount to dealers.
- Complete list of Franklin and Charles books sent on request.

School Science and Mathematics

A Monthly Journal for all Science and Mathematics Teachers

It is especially Interesting and Helpful to all Mathematics Teachers in Secondary Schools and to all other Instructors in Mathematics who wish to keep in close touch with the latest Thought and Ideas in High School Mathematics.

Mathematics Department Edited by Professor Herbert E. Cobb, Head of Mathematics Department, Lewis Institute, Chicago. Problem Department Edited by Dr. J. O. Hassler, Crane Junior College and High School, Chicago.

Subscribe now

\$2.50 per year

School Science and Mathematics

2059 East 72nd Place

CHICAGO

The American Mathematical Monthly

OFFICIAL ORGAN OF

The Mathematical Association of America

Is the Only Journal of Collegiate Grade in The Mathematical Field in this Country

This means that its mathematical contributions can be read and understood by those who have not specialized in mathematics beyond the Calculus.

The Historical Papers, which are numerous and of high grade, are based upon original research.

The Questions and Discussions, which are timely and interesting, cover a wide variety of topics.

Surveys of the contents of recent books and periodicals constitute a valuable guide to current mathematical literature.

The Topics of Undergraduate Mathematical Clubs have excited wide interest both in this country and in Great Britain.

The Notes and News cover a wide range of interest and information both in this country and in foreign countries.

The Problems and Solutions hold the attention and activity of a large number of persons who are lovers of mathematics for its own sake.

There are other journals suited to the Secondary field, and there are still others of technical scientific character in the University field: but the Monthly is the only journal of Collegiate grade in America suited to the needs of the non-specialist in mathematics.

The Mathematical Association of America now has over eleven hundred individual institutional members. There are already nine sections formed, representing twelve different states. The Association has held so far two national meetings per year, one in September and one in December. The sections, for the most part, hold two meetings each year. All meetings, both national and sectional, are reported in the Official Journal, and many of the papers presented at these meetings are published in full.

The slogan of the Association is to include in its membership every teacher of collegiate mathematics in America and to make such membership worth while. Application blanks for membership may be obtained from the Secretary, W. D. Cairns, 27 King Street, Oberlin, Ohio.

THE NEW ERA PRINTING COMPANY

LANCASTER, PA.

Is prepared to execute in first-class and satisfactory manner all kinds of printing and electrotyping. Particular attention given to the work of Schools, Colleges, Universities, and Public Institutions.

Books, Periodicals

Technical and Scientific Publications

Monographs, Theses, Catalogues

Announcements, Reports, etc.

All Kinds of Commercial Work

(Printers of the Bulletin and Transactions of the American Mathematical Society, etc., etc.)

Publishers will find our product ranking with the best in workmanship and material, at satisfactory prices. Cur imprint may be found on a number of high-class Technical and Scientific Books and Periodicals. Correspondence solicited. Estimates furnished.

THE NEW ERA PRINTING COMPANY

Mathematical Special—Premier of the Profession



No Other Typewriter Can Do This

Enables the amateur to write as neat appearing letters from the very beginning as the experienced operator.

The "Mathematical Special" model of the MULTIPLEX HAMMOND carries 120 distinct characters: about 30 additional ones can be made with simple combinations. "No other typewriter can do this." It has no equal in the mathematical profession.

Aside from these remarkable features, every

MULTIPLEX HAMMOND

"WRITING MACHINE"

carries two different styles of type, or two languages, in the one machine. "Just Turn the Knob" and change. There are more than fifty different languages in many sizes and styles which can be substituted in a few seconds.

The first paragraph, and the one following, show a few of the 365 different arrangements of types and languages (slightly reduced) instantly changeable on the Multiplex Hammond:

A Revelation in Typewriterdom

The Multiplex Hammond is unquestionably the most remarble typewriter in existence. Way? Beca use of its versatility.

Think of it-"Just Turn the Think of it—"Just Turn the Knob" and you can change from ordinary Roman to Italics—INSTANTLY—orfromlarge Gothic to Miniature—IN-STANTLY—or from English to Russian—INSTANTLY!

Note the 10 styles of type opposite, all written on the same machine.

Petite = for extra condensing Miniature - for refined letters Small Roman-neat business. Script - private correspondence Medium Roman-general letters Italic - emphasizing. SPECIAL GOTHIC - CLEAN CUT Large Gothic - sermons, lectures Large Roman - sermons, lectures Clarendon - new, attractive,

Writes Anything, Anywhere, Any Way!

Business executives, sales managers, doctors, lawyers, advertising men, writers, druggists, linguists, students—men, women and children in all walks of life—find they can do clearer, cleaner, better work on the Multiplex Hammond. Tell us what your business or vocation is and our Service Department will give you free, full details of the particular Multiplex Hammond that is best adapted to your needs.

Our new mathematics folder will be sent to you, free. Write for it now—sign and mail the Coupon below, and mail to-

HAMMOND TYPEWRITER CO.

568a East 69th Street

NEW YORK CITY



A New Portable

Condensed Aluminum Only 11 lbs.

Full Capacity Many Typewriters in One

Write for Special Folder

Cut off Along Dotted Line

Gentlemen: Please send Catalog and Mathematics Folder to

Occupation.....

Inquire about special terms to professors